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THE PALEONTOLOGICAL SOCIETY

THE second annual meeting of the society will be held in the Carnegie Museum, Pittsburgh, Pa., beginning Wednesday morning, December 28, at 10 o'clock. President Charles Schuchert will preside over the meeting. The program will include a conference on the Criteria in Paleozoic Paleogeography, with the following subjects for discussion:

The Nature of Tertiary and Modern Marine Faunal Barriers and Currents, by William H. Dall.

The Value of Floral Evidence in Marine Strata as indicative of Nearness of Shores, by David White.

Are the Fossils of Dolomites indicative of Shallow, Highly Saline and Warm Seas? by Stuart Weller.

Were the Habitats of Reef-making Tabulata and Tetracoralla similar to those of Living Hexacoralla? by T. Wayland Vaughan.

The Stratigraphic Significance of the Wide Distribution of Graptolites, by Rudolph Ruedemann.

The Stratigraphic Significance of Bryozoa, by Edward O. Ulrich.

The Stratigraphic Significance of Brachiopoda, by Charles Schuchert.

The Stratigraphic Significance of Ostracoda, by R. S. Bassler.

The Relation of the Paleozoic Arthropods to the Strand Line, by John M. Clarke.

The Paleogeographic Significance of Land Vertebrates in Paleozoic Strata, by S. W. Williston.

MECHANICAL SCIENCE AND ENGINEERING IN THE AMERICAN ASSOCIATION

THERE have been promised the following papers for Thursday morning, December 29:

A. H. Blanchard: (a) "Comparison of English and American Traffic Regulations," (b) "Relations between Modern Traffic and the Alignment and Profile of Highway Design," (c) "The Present Status of the Use of Bituminous Materials in Road Construction in the U. S."

A. H. Blanchard and I. W. Patterson: "Methods of taking Traffic Census on Highways."

A. N. Johnson: "The Science of Highway Building."

E. F. Chandler: "The Amount of Stream Flow in the Northern Prairies."

F. W. McNair: "Consequence of the Solution of Air in a Hydraulic Air Compressor."

The program for Friday will be a symposium on aeronautics and related subjects. An appreciation of Dr. Chanute and his work by one or two members of the section will be given. The papers thus far promised are as follows:

J. Ansel Brooks: "A Study of Aviation in Europe during the Summer of 1910."

R. W. Wilson: "Determination of the Altitudes of Aeroplanes by Triangulation."

S. P. Ferguson: "An Indicator for Determining the Efficiency of Aeroplanes."

C. H. Peabody: "Technical Education in Aeronautics."

W. J. Humphreys: "Permanent Winds."

On Wednesday afternoon, the section will meet in joint session with Section B to hear the vice-presidential addresses of Professor J. F. Hayford and Professor L. A. Bauer. Other papers than those listed are partially promised and still others will be brought in between now and the dates of the meetings of the section.

THE CONVOCATION WEEK MEETINGS OF SCIENTIFIC SOCIETIES

THE American Association for the Advancement of Science and the national scientific societies named below will meet at Minneapolis, during convocation week, beginning on December 27, 1910.

American Association for the Advancement of Science.—Retiring president, Dr. David Starr Jordan, of Stanford University; president, Professor A. A. Michelson, University of Chicago; permanent secretary, Dr. L. O. Howard, Smithsonian Institution, Washington, D. C.

Local Executive Committee.—Wilbur F. Decker, chairman; Frederic E. Clements, secretary; Leroy J. Boughner, Frederic B. Chute, James F. Corbett, James F. Ells, Wallace G. Nye, Henry F. Nachtrieb, Edward E. Nicholson, Francis C. Shenehon, Albert F. Woods, Frederick J. Wulling.

Section A—Mathematics and Astronomy.—Vice-president, Professor E. H. Moore, University of Chicago; secretary, Professor G. A. Miller, University of Illinois, Urbana, Ill.

Section B—Physics.—Vice-president, Dr. E. B. Rosa, Bureau of Standards, Washington, D. C.;